

ABSTRACT

Micro, Small and Medium Enterprise (MSMEs) are currently one of the important things in the economy of Indonesia. Where MSMEs can create new jobs and also reduce Indonesia unemployment rate. Although MSMEs do not have target like a large company, more people are currently interested in the world of MSMEs because they have the main advantage easy developing innovation in the business world. For the current era not only develop business innovation, but MSMEs must also be helped with application technology to compete with a current market share. There are still so many MSMEs that run business offline that have not used technology application or online. The xyz restaurant business is currently using an application, pawoon where this application used to monitor ongoing business data. However, there is no report until the calculation of net income, for the net income report xyz restaurant business still use Microsoft Excel, therefore it need to be make in the system. To facilitate owner in terms of net income report, the e-finance application develop is a report calculate sales data and expenditure data that will generate a total montly and yearly net income report. This research designs web-based application using a system development that is an iterative incremental method based on software requirements. By using the php programming language, mysql as a database, and using a framework for the system is codeigniter. Test application e-finance using the usability testing method. The final result developing the e-finance application can manage financial data in the xyz restaurant business which will result in net profit costs that are obtained by the owner montly or yearly. Steps that need to be taken include the collection of transaction data, fixed cost, variabel cost, and generate net cost. Facing the challenges of the digital economy, MSMEs must have an effective strategy by making this application expected to maintain existence in the xyz restaurant business.

Keywords: *Micro, Small and Medium Enterprises (MSMEs), Application, E-Finance, Web, Codeigniter, User Acceptance Testing, Iterative Incremental*